

**2021 Estimated Costs and Returns per Acre  
Grapefruit, Year 2, Orchard Establishment, Flood Irrigated, Rio Grande Valley  
South Extension District - 12**

Crop Acres	100				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue				\$0.00	\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Young Citrus Trees	3	Tree	\$10.00	\$30.00	\$3,000.00
Layout and Plant	3	Tree	\$5.00	\$15.00	\$1,500.00
Tree Wrap/Unwrap	3	Tree	\$2.00	\$6.00	\$600.00
Fertilizer					
Urea (46%)	1.25	CTW	\$22.02	\$27.52	\$2,752.06
Foliar 18-8-5	1.32	Gallon	\$15.50	\$20.46	\$2,046.00
Foliar Zn	0.67	Pound	\$0.80	\$0.54	\$53.60
Herbicide					
Simazine 4L	1.25	Gallon	\$29.70	\$37.13	\$3,712.50
Krovar I 80 DF	3	Pound	\$14.09	\$42.28	\$4,227.50
Glyphosate	20	Pint	\$3.01	\$60.15	\$6,015.00
Insecticide					
Sivanto	10	Ounce	\$3.28	\$32.81	\$3,280.86
Danitol	16	Ounce	\$1.58	\$25.28	\$2,528.00
Miscellaneous					
Citrus Assessment	1	Acre	\$25.00	\$25.00	\$2,500.00
Insurance, Grapefruit	1	Acre	\$25.96	\$25.96	\$2,596.06
Custom					
Foliar Application	2	Acre	\$45.00	\$90.00	\$9,000.00
Sucker (Yr 1-3 Year)	1	Acre	\$45.00	\$45.00	\$4,500.00
Other Labor					
Custom Soil Fert. Citrus	6	Hour	\$12.00	\$72.00	\$7,200.00
Unallocated Labor	1	Hour	\$12.00	\$12.00	\$1,200.00
Other Chemicals					
Surfactant - Citrus	8.28	Pint	\$8.00	\$66.24	\$6,624.00
Irrigation					
Water Cost	4.00	Acre/Foot	\$20.00	\$80.00	\$8,000.00
Irrigation Labor	14.00	Hour	\$12.00	\$168.00	\$16,800.00
Machinery Labor					
Tractors/Self-Propelled	0.8	Hour	\$12.00	\$9.60	\$960.00
Other Labor	0.4	Hour	\$12.00	\$4.80	\$480.00
Diesel Fuel					
Tractors/Self-Propelled	3.66	Gallon	\$2.00	\$7.32	\$732.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$8.79	\$8.79	\$878.51
Implements	1	Acre	\$2.86	\$2.86	\$285.70
Interest on Credit Line			5.00%	\$27.04	\$2,704.19
Total Variable Costs				\$941.76	\$94,175.98
Planned Returns Above Variable Costs:				(\$941.76)	(\$94,175.98)
Breakeven Price to Cover Variable Costs			n/a		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$9.08	\$9.08	\$907.80
Implements	1	Acre	\$3.05	\$3.05	\$304.75
Equipment Investment					
Tractors/Self-Propelled	\$70.72	Dollars	7.00%	\$4.95	\$495.04
Implements	\$13.04	Dollars	7.00%	\$0.91	\$91.26
Land Cost, Orchard	1	Acre	\$100.00	\$100.00	\$10,000.00
Total Fixed Costs				\$117.99	\$11,798.84
Total Specified Costs				\$1,059.75	\$105,974.82
Returns Above Specified Costs				(\$1,059.75)	(\$105,974.82)
Breakeven Price to Cover Total Costs			n/a		

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**Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and**